

**BY ORDER OF THE SECRETARY  
OF THE AIR FORCE**

**AFI 11-2MC-130V3 CL-4**

**21 JUNE 2004**



***Flying Operations***

## **MC-130H CREW TACTICAL CHECKLIST**

This checklist complements AFI 11-2MC-130 Volume 3 *MC-130 Operations Procedures*, and is applicable to all AFSOC MC-130H aircrews. This checklist is meant to be printed on standard 8 ½" x 11" bond paper, then trimmed to fit the standard plastic aircrew checklist binders. Units may locally reproduce this checklist double sided on card stock to provide a more durable product for the checklist binder inserts.

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**COMBAT ENTRY POINT CHECKLIST**

1. **"COMBAT ENTRY POINT"** (EWO)
2. **"COMBAT ENTRY POINT CHECKLIST"** (P)
3. Personal Equipment - **"SET"** (P) (CP) (E) (N) (EWO) (LM)
  - a. Coat
  - b. Survival Vest
  - c. Flak Jacket
  - d. LPU
  - e. Parachute
  - f. Seat Kit/Personal Kit
  - g. Helmet
  - h. NVGs - Configured
  - i. Weapons
  - j. Anti-exposure Suit
4. Fuel - **"SET, STATE QUANTITY"** (E)
  - a. External Tanks - Drained/As Required
  - b. Lines and Sump - Drained
  - c. Fuel Flow - Tank To Engine/As Required
5. Fuel Quantity - **"CHECKED"** (N)
6. Navigation Systems – **"SET"** (P) (CP) (N) (EWO)
  - a. Radar - As Required
  - b. TACAN - Receive/As Required
  - c. Radar Xpond – OFF/ As Required
7. ECM Systems – **"SET"** (EWO)
  - a. AN/APR-46 - As Required
  - b. AN/ALE-40/47 - As Required

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- c. QRC 84-02a - ON/OPR/ As Required
- d. AN/ALR-69 - As Required
- e. AN/ALR-44 - OPER/CM INPUT/ As Required
- f. AN/ALQ-172 - OPER/ As Required
- g. AN/AAQ-24 - As Required
- h. IBU - As Required

8. Communication Systems – **“SET”** (P) (CP) (E) (N) (EWO) (LM)

- a. Interphone Switch - Normal/As Required
- b. IFF - STBY/As Required
- c. Radios - As Required
- d. EW Audio - As Required

9. Flight Deck – **“SET”** (E)

- a. Bleed Air Regulators - ON/As Required
- b. Pressurization - NO PRESS/AUX VENT/As Required
- c. Synchrophase Master Switch - OFF/ As Required
- d. TD Valves - As Required
- e. Cockpit Lights - As Required
- f. Exterior Lights - OFF/As Required
- g. CVR - As Required
- h. Loose Items - Secured
- i. Blackout/Eyebrow Curtains - INSTALLED/As Required
- j. Emergency Exit Lights - As Required
- k. NVGs - As Required
- l. Nose Wheel Well Light CB - Pulled
- m. Applicable Lights - Taped/As Required

10. Cargo Compartment – **“SET, SCANNERS IN POSITION”** (LM)

11. Combat Entry Point Checklist - **“COMPLETE”** (P) (CP) (E) (N) (EWO) (LM)

1. **“COMBAT EXIT POINT”** (EWO)
2. **“COMBAT EXIT POINT CHECKLIST”** (P)
3. Fuel - **“SET, STATE QUANTITY”** (E)
4. Fuel Quantity - **“CHECKED”** (N)
5. Navigation Systems – **“SET”** (P) (CP) (N) (EWO)
  - a. Radar - As Required
  - b. TACAN - As Required
6. ECM Systems - **“SET”** (EWO)
  - a. AN/APR-46 - As Required
  - b. AN/ALE-40/47 - As Required
  - c. QRC 84-02a - ON/OPR/ As Required
  - d. AN/ALR-69 - As Required
  - e. AN/ALR-44 - OPER/CM INPUT/ As Required
  - f. AN/ALQ-172 - OPER/ As Required
  - g. AN/AAQ-24 - As Required
7. Communication Systems - **“SET”** (P) (CP) (E) (N) (EWO) (LM)
  - a. IFF - Set/As Required
  - b. Radios - Set
  - c. Interphone Panels - As Required
8. Flight Deck - **“SET”** (E)
  - a. Bleed Air System – Checked
  - b. Pressurization - Set/As Required
  - c. Synchrophase Master Switch – ENG 2 or 3 as required

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- d. TD Valves - As Required
- e. Cockpit Lights - As Required
- f. Exterior Lights - Set/As Required
- g. CVR - As Required
- h. Emergency Exit Lights - As Required
- i. Pulled CB's – Reset/As Required

9. Cargo Compartment – “**SET**” (LM)

10. Combat Exit Point Checklist - “**COMPLETE**” (P) (CP) (E) (N)  
(EWO) (LM)

**HIGH ALTITUDE PERSONNEL (HALO/HAHO)****Twenty-Minute Checklist**

1. **"TWENTY MINUTE WARNING ACKNOWLEDGED"** (LM)
2. **"HIGH ALTITUDE PERSONNEL CHECKLIST"** (P)
3. Helmets and Oxygen Mask - **"ON"** (If Required) (P) (CP) (E) (N) (EWO) (LM)
4. Slowdown, Drop Zone, And Escape - **"REVIEWED"** (P) (CP) (N) (EWO)
5. Terminal Data – **"CHECKED"** (N)
6. Pressurization- **"DEPRESSURIZING"** (E)
7. Twenty-Minute Checklist - **"COMPLETE"** (LM) (E)

**Ten-Minute Checklist**

1. **"TEN MINUTE WARNING ACKNOWLEDGED"** (LM)
2. Airdrop Override Switches -
  - a. **"OVERRIDE"** (N)
  - b. **"OVERRIDE"** (P/CP)
3. Red Light - **"ON"** (P/CP)
4. High Altitude Checks - **"COMPLETE"** (If Required) (P) (CP) (E) (N) (EWO) (LM)
5. Aux Pump - **"ON"** (Ramp Exit Only) (CP)
6. Pressurization - **"NO PRESSURE"** (E)
7. Ten-Minute Checklist - **"COMPLETE"** (LM) (E)

**Six-Minute Checklist**

1. **"SIX-MINUTE ADVISORY ACKNOWLEDGED"** (LM)
2. **"SIX-MINUTE CHECKS COMPLETE"** (LM)

**Slowdown Checklist (Paratroop Door Exit)**

1. Flaps - **"50 PERCENT"** (P/CP)
2. Air Deflector Doors - **"OPENED"** (P/CP)
3. Paratroop Doors -
  - a. **"CLEAR TO OPEN"** (P)
  - b. **"OPEN AND LOCKED"** (LM)
4. Terminal Consent – **"AS REQUIRED"** (P) (CP)
5. Slowdown Checklist - **"COMPLETE"** (LM) (E)

**Slowdown Checklist (Ramp Exit)**

1. Flaps - **"50 PERCENT"** (P/CP)
2. Ramp And Door -
  - a. **"CLEAR TO OPEN"** (LM) (P)
  - b. **"OPEN AND LOCKED"** (LM)
  - c. **"INDICATES OPEN"** (E)
3. Terminal Consent – **"AS REQUIRED"** (P) (CP)
4. Slowdown Checklist - **"COMPLETE"** (LM) (E)

**Two-Minute Checklist**

1. **"TWO-MINUTE WARNING ACKNOWLEDGED LOADMASTER"** (LM)
2. **"TWO-MINUTE CHECKLIST COMPLETE LOADMASTER"** (LM)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED LOADMASTER"** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE LOADMASTER"** (LM)

**Release Point Checklist**

1. Green Light - **"ON"** (P/CP)
2. Status of Load - **"LOAD CLEAR"** (Or Condition) (LM)

**Completion of Drop Checklist (Paratroop Door Exit)**

1. Red Light – **“ON”** (P/CP)
2. Go Around Mode – **“SET”** (P/CP)
3. Paratroop Doors - **"CLOSED AND LOCKED"** (LM)
4. Air Deflector Doors - **"CLOSED"** (CP)
5. Flaps - **"UP"** (P/CP)
6. Pressurization - **"SET"** (E)
7. Red Light - **"OFF"** (P/CP)
8. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”** (P) (CP)
9. Gross Weight – **“CHECKED”** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**Completion of Drop Checklist (Ramp Exit)**

1. Red Light – **“ON”** (P/CP)
2. Go Around Mode – **“SET”** (P/CP)
3. Ramp And Door - **"CLOSED AND LOCKED"** (LM)
4. Flaps - **"UP"** (P/CP)
5. Aux Pump - **"OFF"** (CP)
6. Pressurization - **"SET"** (E)
7. Red Light - **"OFF"** (P/CP)
8. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”** (P) (CP)
9. Gross Weight – **“CHECKED”** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**HIGH ALTITUDE EMERGENCY PROCEDURES****Decompression Sickness or Unusual Pain**

1. Pilot - Notified (P) (CP) (E) (N) (EWO) (LM)
2. Descend (P/CP)
3. Pressurization - "**PRESSURIZING**" (E)
4. Mission – Aborted (if able) (P)

**Twenty-Minute Checklist**

1. **“TWENTY MINUTE WARNING ACKNOWLEDGED”** (LM)
2. **“PERSONNEL/RAMP BUNDLE CHECKLIST, TROOP DOOR/RAMP”** (P)
3. Slowdown, Drop Zone, And Escape - **“REVIEWED”** (P) (CP) (N) (EWO)
4. Terminal Data – **“CHECKED”** (N)
5. Pressurization - **“DEPRESSURIZING”** (E)
6. Twenty-Minute Checklist - **“COMPLETE”** (LM) (E)

**Ten-Minute Checklist**

1. **“TEN-MINUTE WARNING ACKNOWLEDGED”** (LM)
2. Airdrop Override Switches -
  - a. **“OVERRIDE”** (N)
  - b. **“OVERRIDE”** (P/CP)
3. Red Light - **“ON”** (P/CP)
4. Aux Pump - **“ON”** (Ramp Exit Only) (CP)
5. Pressurization – **“NO PRESSURE”** (E)
6. Ten-Minute Checklist - **“COMPLETE”** (LM) (E)

**Six-Minute Checklist**

1. **“SIX-MINUTE ADVISORY ACKNOWLEDGED”** (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

**Slowdown Checklist (Troop Door Exit)**

1. Flaps - **“50 PERCENT”** (P/CP)
2. Air Deflector Doors - **“OPENED”** (P/CP)
3. Paratroop Doors -
  - a. **“CLEAR TO OPEN”** (P)
  - b. **“OPEN AND LOCKED”** (LM)
4. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTINGS”** (P) (CP)
5. Terminal Consent – **“AS REQUIRED”** (P/CP)
6. Slowdown Checklist - **“COMPLETE”** (LM) (E)

**Slowdown Checklist (Tailgate Exit)**

1. Flaps - **"50 PERCENT"** (P/CP)
2. Ramp and Door -
  - a. **"CLEAR TO OPEN"** (LM) (P)
  - b. **"OPEN AND LOCKED"** (LM)
  - c. **"INDICATES OPEN"** (E)
3. Clearance Altitude/Radar Altimeters - **"SET, STATE SETTINGS"** (P) (CP)
4. Terminal Consent - **"AS REQUIRED"** (P/CP)
5. Slowdown Checklist - **"COMPLETE"** (LM) (E)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED, LOADMASTER"** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE LOADMASTER"** (LM)

**Release Point Checklist**

1. Green Light – **"ON"** (P/CP)
2. Status of Load – **"LOAD CLEAR"** (Or Condition) (LM)

**Completion of Drop Checklist (Troop Door Exit)**

1. Red Light – **“ON”** (P/CP)
2. Go Around Mode – **“SET”** (P/CP)
3. Paratroop Doors – **“CLOSED AND LOCKED”** (LM)
4. Air Deflector Doors – **“CLOSED”** (P/CP)
5. Flaps – **“UP”** (P/CP)
6. Pressurization – **“SET”** (E)
7. Red Light – **“OFF”** (P/CP)
8. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”**  
(P) (CP)
9. Gross Weight – **“CHECKED”** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**Completion of Drop Checklist (Ramp Exit)**

1. Red Light - **“ON”** (P/CP)
2. Go Around Mode - **“SET”** (P/CP)
3. Ramp and Door - **“CLOSED AND LOCKED”** (LM)
4. Flaps - **“UP”** (P/CP)
5. Aux Pump – **“OFF”** (CP)
6. Pressurization – **“SET”** (E)
7. Red Light – **“OFF”** (P/CP)
8. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”**  
(P) (CP)
9. Gross Weight - **“CHECKED”** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**PERSONNEL EMERGENCY PROCEDURES****Fouled/Towed Parachutists Procedures, Paratroop Door Exit,  
Utilizing Towed Paratroop Retrieval System/Paratroop Retrieval  
Bar/5000 Pound Strap**

1. **"Red Light ON"** (CP)
2. Landing Gear - **"DOWN"** (CP)
3. Flaps - **"100 PERCENT"** (P/ CP/E)
4. Parachutists Condition - **"CONSCIOUS/ UNCONSCIOUS"** (LM)
5. Parachutist Static Line - **"CUT/RETRIEVE"** (P)
6. Status of Jumper - **"RETRIEVED/CUT AWAY"** (LM).
7. Flaps - **"50 PERCENT"** (P/CP/E)
8. Landing Gear - **"UP"** (CP)

**Fouled/Towed Parachutists Procedures Tailgate Exit**

1. **"Red Light ON"** (CP)
2. Parachutists Condition - **"CONSCIOUS/ UNCONSCIOUS"** (LM)
3. Parachutist Static Line - **"CUT/RETRIEVE"** (P)
4. Status of Jumper - **"RETRIEVED/CUT AWAY"** (LM)

**Twenty-Minute Checklist**

1. **"TWENTY-MINUTE WARNING ACKNOWLEDGED"** (LM)
2. **"CDS CHECKLIST"** (P)
3. Slowdown, Drop Zone, And Escape - **"REVIEWED"** (P) (CP) (N) (EWO)
4. Helmets and Oxygen Mask - **"ON"** (If Required) (P) (CP) (E) (N) (EWO) (LM)
5. Terminal Data – **"CHECKED"** (N)
6. Pressurization – **"DEPRESSURIZING"** (E)
7. Twenty-Minute Checklist – **"COMPLETE"** (LM) (E)

## 140 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
FLAP SETTING			
90	*	*	*
95	*	*	0
100	*	*	4
105	*	*	8
110	*	1	12
115	*	5	16
120	0	9	19
125	4	13	23
130	7	16	27
135	10	20	31
140	14	24	35
145	17	28	38
150	20	31	42
155	24	35	46
160	27	39	50

\*Recommend dropping at 130 KCAS for these gross weights.

## 130 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
FLAP SETTING			
90	*	2	7
95	*	5	10
100	*	8	13
105	1	11	16
110	4	14	19
115	7	17	22
120	11	20	25
125	14	23	28
130	17	25	31
135	20	28	34
140	23	31	37
145	27	34	40
150	30	37	43
155	33	40	46
160	36	43	49

\*When dropping CRS/CDS (1-4 bundles), it is recommended that the aircraft gross weight be no less than 104,000 pounds at the time of release. If the drop must be made, use 0 flaps and expect a longer than normal exit time.

**NOTE:** If aircraft gross weight exceeds 120,000 pounds, use 140 KCAS CDS/CRS flap setting chart. **EXCEPTION:** For combination drops above 120,000 pounds use 130 KCAS and 130 KCAS flap setting chart.

**Ten-Minute Checklist**

1. **“TEN-MINUTE WARNING ACKNOWLEDGED”** (LM)
2. Airdrop Override Switches -
  - a. **“OVERRIDE”** (N)
  - b. **“NORMAL/OVERRIDE”** (P/CP)
3. Red Light – **“ON”** (P/CP)
4. High Altitude Checks – **“COMPLETE”** (If Required) (P) (CP) (E) (N) (EWO) (LM)
5. Aux Pump – **“ON”** (Ramp Exit Only) (CP)
6. CDS Flap Setting – **“COMPUTED (STATE SETTING)”** (P/CP) (E)
7. Pressurization – **“NO PRESSURE”** (E)
8. Ten-Minute Checklist – **“COMPLETE”** (LM) (E)

**Six-Minute Checklist (Combination Drops Only)**

1. **“SIX-MINUTE ADVISORY ACKNOWLEDGED, LOADMASTER”** (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

**Slowdown Checklist**

1. Flaps – **“50 PERCENT”** (P/CP)
2. Ramp and Door -
  - a. **“CLEAR TO OPEN”** (LM) (P)
  - b. **“OPEN AND LOCKED”** (LM)
  - c. **“INDICATES OPEN”** (E)
3. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTINGS”** (P) (CP)
4. Flaps – **“AS REQUIRED”** (P/CP)
5. Terminal Consent – **“AS REQUIRED”** (P/CP)
6. Slowdown Checklist – **“COMPLETE”** (LM) (E)

**One-Minute Checklist**

1. **“ONE-MINUTE WARNING ACKNOWLEDGED, LOADMASTER”** (LM)
2. **“ONE-MINUTE CHECKLIST COMPLETE LOADMASTER”** (LM)

**Release Point Checklist**

1. Green Light – **“ON”** (P/CP)
2. Status of Gate – **“GATE RELEASED”** (Or Condition) (LM)
3. Status of Load – **“LOAD CLEAR”** (Or Condition) (LM)

**Completion of Drop Checklist**

1. Red Light – **“ON”** (P/CP)
2. Go Around Mode – **“SET”** (P/CP)
3. Flaps – **“50 PERCENT”** (P/CP)
4. Ramp and Door – **“CLOSED AND LOCKED”** (LM)
5. Flaps – **“UP”** (P/CP)
6. Aux Pump – **“OFF”** (CP)
7. Pressurization – **“SET”** (E)
8. Red Light – **“OFF”** (P/CP)
9. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”** (P) (CP)
10. Gross Weight – **“CHECKED”** (N)
11. Drop Checklist – **“COMPLETE”** (LM) (E)

**CONTAINER DELIVERY SYSTEM EMERGENCY  
PROCEDURES**

**Gate Fails To Release Or Load Fails To Exit**

1. Pilot Notified - **"MALFUNCTION"** (LM)
2. Flaps - Set (P/CP/E)
3. Ramp and Door - **"CLEARED TO CLOSE LOADMASTER"**  
(LM)
4. Ramp and Door - Closed on clearance from the loadmaster (E)
5. **"MALFUNCTION CHECKLIST COMPLETE  
LOADMASTER"** (LM)

**Twenty-Minute Checklist**

1. **"TWENTY-MINUTE WARNING ACKNOWLEDGED"** (LM)
2. **"HEAVY EQUIPMENT CHECKLIST"** (P)
3. Slowdown, Drop Zone, And Escape - **"REVIEWED"** (P) (CP) (N) (EWO)
4. Terminal Data – **"CHECKED"** (N)
5. Pressurization – **"DEPRESSURIZING"** (E)
6. Twenty-Minute Checklist – **"COMPLETE"** (LM) (E)

**Ten-Minute Checklist**

1. **"TEN-MINUTE WARNING ACKNOWLEDGED"** (LM)
2. Airdrop Override Switches -
  - a. **"OVERRIDE"** (N)
  - b. **"NORMAL/OVERRIDE"** (P/CP)
3. Red Light – **"ON"** (P/CP)
4. Aux Pump – **"ON"** (CP)
5. Pressurization – **"NO PRESSURE"** (E)
6. Ten-Minute Checklist – **"COMPLETE"** (LM) (E)

**Six-Minute Checklist (Combination Drops Only)**

1. **“SIX-MINUTE ADVISORY ACKNOWLEDGED”** (LM)
2. **“SIX-MINUTE CHECKS COMPLETE”** (LM)

**Slowdown Checklist**

1. Flaps – **“50 PERCENT”** (P/CP)
2. Ramp and Door -
  - a. **“CLEAR TO OPEN”** (LM) (P)
  - b. **“OPEN AND LOCKED”** (LM)
  - c. **“INDICATES OPEN”** (E)
3. Clearance Altitude/Radar Altimeters - **“SET, STATE SETTINGS”** (P) (CP)
4. Terminal Consent – **“AS REQUIRED”** (P/CP)
5. Slowdown Checklist – **“COMPLETE”** (LM) (E)

**One-Minute Checklist**

1. **“ONE-MINUTE WARNING ACKNOWLEDGED, LOADMASTER”** (LM)
2. **“ONE-MINUTE CHECKLIST COMPLETE”** (LM)

**Release Point Checklist**

1. Green Light – **“ON,”** ADS ACTUATED (P/CP)
2. Status of Load – **“LOAD CLEAR”** (Or Condition) (LM)

**Completion of Drop Checklist**

1. Red Light – **“ON”** (P/CP)
2. Go Around Mode – **“SET”** (P/CP)
3. Ramp and Door – **“CLOSED AND LOCKED”** (LM)
4. Flaps – **“UP”** (P/CP)
5. Aux Pump – **“OFF”** (CP)
6. Pressurization – **“SET”** (E)
7. Red Light – **“OFF”** (P/CP)
8. Clearance Altitude/Radar Altimeters – **“SET, STATE SETTING”**  
(P) (CP) (N)
9. Gross Weight – **“CHECKED”** (N)
10. Drop Checklist – **“COMPLETE”** (LM) (E)

**HEAVY EQUIPMENT EMERGENCY PROCEDURES****Loose Platform**

1. Notify Pilot - **"LOOSE PLATFORM"** (LM)
2. **"RAMP AND DOOR CLEAR TO CLOSE LOADMASTER"** (LM)
3. Ramp and Door - Closed (E)
4. **"MALFUNCTION CHECKLIST COMPLETE LOADMASTER."** (LM)

**Extraction Parachute Fails To Release Mechanically, Extraction Parachute Falls On The Ramp, Or Load Fails To Extract With Single Extraction Parachute Outside The Aircraft**

1. Notify Pilot - **"MALFUNCTION"** (LM)
2. **"RAMP AND DOOR CLEAR TO CLOSE LOADMASTER"** (LM)
3. Ramp and Door - Closed (E)
4. **"MALFUNCTION CHECKLIST COMPLETE LOADMASTER."** (LM)

**Multiple 28 Foot Extraction Parachutes Fail To Release  
Mechanically Or Fall On The Ramp**

1. Notify Pilot - **"MALFUNCTION"** (LM)
2. **"RAMP AND DOOR CLEAR TO CLOSE LOADMASTER"**  
(LM)
3. Ramp and Door - Closed (E)
4. **"MALFUNCTION CHECKLIST COMPLETE  
LOADMASTER."** (LM)

**Load Fails to Extract Multiple 28 Foot Extraction Parachutes**

1. Notify Pilot - **"LOAD FAILED TO EXTRACT."** (LM)

**Twenty-Minute Checklist**

1. **"TWENTY-MINUTE WARNING ACKNOWLEDGED LM"**  
(LM)
2. **"BLU-82 CHECKLIST"** (P)
3. Helmets and Oxygen Mask - **"ON"** (If Required) (P) (CP) (E) (N)  
(EWO) (LM)
4. Slowdown, Drop Zone, And Escape - **"REVIEWED"**(P) (CP) (N)  
(EWO)
5. Terminal Data – **"CHECKED"** (N)
6. Pressurization- **"DEPRESSURIZING"** (E)
7. Twenty-Minute Checklist - **"COMPLETE"** (LM, E)

**Ten-Minute Airdrop Checklist**

1. **"TEN-MINUTE WARNING ACKNOWLEDGED."** (LM)
2. High Altitude Checks - **"COMPLETE"** (if required) (P) (CP) (E) (N) (EWO) (LM)
3. Airdrop Override Switches -
  - a. **"OVERRIDE"** (N)
  - b. **"OVERRIDE"** (P/CP)
4. Red Light - **"ON"** (P/CP)
5. Aux Pump - **"ON"** (CP)
6. Pressurization - **"NO PRESSURE"** (E)
7. Ten-Minute Checklist - **"COMPLETE"** (LM) (E)

**Six-Minute Checklist**

1. **"SIX-MINUTE ADVISORY ACKNOWLEDGED"** (LM)
2. **"SIX-MINUTE CHECKS COMPLETE"** (LM)

**Slowdown Checklist**

1. Flaps - **"50 PERCENT"** (P/CP)
2. Ramp and Door -
  - a. **"CLEAR TO OPEN"** (LM) (P)
  - b. **"OPEN AND LOCKED"** (LM)
  - c. **"INDICATES OPEN"** (E)
3. Terminal Consent - **"AS REQUIRED"** (P/CP)
4. Slowdown Checklist - **"COMPLETE"** (LM) (E)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED LOADMASTER."** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE LOADMASTER."** (LM)

**Release Point Checklist**

1. Green Light - **"ON"** ADS ACTUATED (P/CP)
2. Status of Load - **"LOAD CLEAR"** (Or Condition) (LM)

**Completion of Drop Checklist**

1. Red Light - **"ON"** (P/CP)
2. Go Around Mode – **"SET"** (P/CP)
3. Ramp And Door - **"CLOSED AND LOCKED"** (LM)
4. Flaps - **"UP"** (P/CP)
5. Aux Pump - **"OFF"** (CP)
6. Pressurization - **"SET"** (E)
7. Red Light - **"OFF"** (P/CP)
8. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"** (P) (CP)
9. Gross Weight – **"CHECKED"** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**Loose Platform**

1. Notify Pilot - **"LOOSE PLATFORM"** (LM)
2. **"RAMP AND DOOR CLEAR TO CLOSE LOADMASTER"** (LM)
3. Ramp and Door - Closed (E)
4. **"MALFUNCTION CHECKLIST COMPLETE LOADMASTER."** (LM)

**Extraction Parachute Fails To Release Mechanically, Extraction Parachute Falls On The Ramp, Or Load Fails To Extract**

1. Notify Pilot - **"MALFUNCTION"** (LM)
2. **"RAMP AND DOOR CLEAR TO CLOSE LOADMASTER."** (LM)
3. Ramp and Door - Closed (E)
4. **"MALFUNCTION CHECKLIST COMPLETE LOADMASTER."** (LM)

**Twenty-Minute Checklist**

1. "TWENTY-MINUTE WARNING ACKNOWLEDGED" (LM)
2. "HSLPADS CHECKLIST" (P)
3. Slowdown, Drop Zone, And Escape – "REVIEWED" (P) (CP) (N) (EWO)
4. Terminal Data – "CHECKED" (N)
5. Pressurization - "DEPRESSURIZING" (E)
6. Twenty-Minute Checklist – "COMPLETE" (LM) (E)

**Ten-Minute Checklist**

1. "TEN-MINUTE WARNING ACKNOWLEDGED" (LM)
2. Airdrop Override Switches -
  - a. "OVERRIDE" (N)
  - b. "NORMAL/OVERRIDE" (P/CP)
3. Red Light - "ON" (P/CP)
4. Aux Pump - "ON" (CP)
5. Pressurization - "NO PRESSURE" (E)
6. Ten-Minute Checklist - "COMPLETE" (LM) (E)

**Three-Minute Checklist**

1. Ramp And Door -
  - a. **"CLEAR TO OPEN"** (LM, P)
  - b. **"OPEN AND LOCKED"** (LM)
  - c. **"INDICATES OPEN"** (E)
2. Clearance Altitude/Radar Altimeters - **"SET, STATE SETTINGS"** (P) (CP)
3. Terminal Consent - **"AS REQUIRED"** (P/CP)
4. Three-Minute Checklist - **"COMPLETE"** (LM) (E)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED LOADMASTER"** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE LOADMASTER"** (LM)

**Release Point Checklist**

1. Green Light - **"ON,"** ADS Actuated (P/CP)
2. **"LOAD CLEAR"** (or condition) (LM)

**Completion of Drop Checklist**

1. Red Light - **"ON"** (P/CP)
2. Go Around Mode – **"SET"** (P/CP)
3. Ramp And Door - **"CLOSED AND LOCKED"** (LM)
4. Aux Pump - **"OFF"** (CP)
5. Pressurization - **"SET"** (E)
6. Red Light - **"OFF"** (P/CP)
7. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"** (P) (CP)
8. Gross Weight – **"CHECKED"** (N)
9. Drop Checklist - **"COMPLETE"** (LM) (E)

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**HIGH SPEED LOW LEVEL AERIAL DELIVERY SYSTEM  
EMERGENCY PROCEDURES**

**HSLADS OR Ramp and Door Malfunction During Opening of  
Ramp and Door**

1. Pilot Notified - **"OPENING MALFUNCTION"** (LM)
2. Ramp and Door - Stop Opening Action (E)
3. Ramp and Door - **"CLEAR TO CLOSE LOADMASTER"** (LM)
4. Ramp and Door - Closed and Locked (E)
5. **"MALFUNCTION CHECKLIST COMPLETE  
LOADMASTER"** (LM)

**Sling Deterioration After Ramp and Door is Opened**

1. Pilot Notified - **"SLING DETERIORATION"** (LM)
2. Ramp and Door - **"CLEAR TO CLOSE LOADMASTER"** (LM)
3. Ramp and Door - Closed and Locked (E)
4. **"MALFUNCTION CHECKLIST COMPLETE  
LOADMASTER"** (LM)

**Release Assembly Fails to Release, or Load Fails to Exit**

1. Pilot Notified - **"MALFUNCTION"** (LM)
2. Ramp and Door - **"CLEAR TO CLOSE LOADMASTER"** (LM)
3. Ramp and Door - Closed and Locked (E)
4. **"MALFUNCTION CHECKLIST COMPLETE  
LOADMASTER"** (LM)

**Twenty-Minute Checklist**

1. **"TWENTY-MINUTE WARNING ACKNOWLEDGED"** (LM)
2. **"CRS CHECKLIST"** (P)
3. Slowdown, Drop Zone, And Escape - **"REVIEWED"** (P) (CP) (N) (EWO)
4. Terminal Data – **"CHECKED"** (N)
5. Pressurization- **"DEPRESSURIZING"** (E)
6. Twenty-Minute Checklist – **"COMPLETE"** (LM) (E)

## 140 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
FLAP SETTING			
90	*	*	*
95	*	*	0
100	*	*	4
105	*	*	8
110	*	1	12
115	*	5	16
120	0	9	19
125	4	13	23
130	7	16	27
135	10	20	31
140	14	24	35
145	17	28	38
150	20	31	42
155	24	35	46
160	27	39	50

\*Recommend dropping at 130 KCAS for these gross weights.

## 130 KCAS CDS/CRS FLAP SETTING CHART

AIRCRAFT GROSS WEIGHT	NUMBER OF BUNDLES		
	1-4	5-10	11-16
FLAP SETTING			
90	*	2	7
95	*	5	10
100	*	8	13
105	1	11	16
110	4	14	19
115	7	17	22
120	11	20	25
125	14	23	28
130	17	25	31
135	20	28	34
140	23	31	37
145	27	34	40
150	30	37	43
155	33	40	46
160	36	43	49

\*When dropping CRS/CDS (1-4 bundles), it is recommended that the aircraft gross weight be no less than 104,000 pounds at the time of release. If the drop must be made, use 0 flaps and expect a longer than normal exit time.

**NOTE:** If aircraft gross weight exceeds 120,000 pounds, use 140 KCAS CDS/CRS flap setting chart. **EXCEPTION:** For combination drops above 120,000 pounds use 130 KCAS and 130 KCAS flap setting chart.

**Ten-Minute Checklist**

1. **“TEN-MINUTE WARNING ACKNOWLEDGED”** (LM)
2. Airdrop Override Switches -
  - a. **“OVERRIDE”** (N)
  - b. **“NORMAL/OVERRIDE”** (P/CP)
3. Red Light – **“ON”** (P/CP)
4. Aux Pump – **“ON”** (CP)
5. CRS Flap Setting – **“COMPUTED”** (P/CP) (E)
6. Pressurization – **“NO PRESSURE”** (E)
7. Ten-Minute Checklist – **“COMPLETE”** (LM) (E)

**Six-Minute Checklist**

1. **“SIX-MINUTE ADVISORY ACKNOWLEDGED, LOADMASTER”** (LM)
2. **“SIX-MINUTE ADVISORY CHECKS COMPLETE, LOADMASTER”** (LM)

**Slowdown Checklist**

1. Flaps - **"50 PERCENT"** (P/CP)
2. Ramp and Door -
  - a. **"CLEAR TO OPEN"** (LM) (P)
  - b. **"OPEN AND LOCKED"** (LM)
  - c. **"INDICATES OPEN"** (E)
3. Clearance Altitude/Radar Altimeters - **"SET, STATE SETTINGS"** (P) (CP)
4. Flaps - **"AS REQUIRED"** (P)
5. Terminal Consent - **"AS REQUIRED"** (P/CP)
6. Slowdown Checklist - **"COMPLETE"** (LM) (E)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED LOADMASTER"** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE LOADMASTER"** (LM)

**Release Point Checklist**

1. Green Light - **"ON,"** ADS Actuated (P/CP)
2. **"LOAD CLEAR"** (or condition) (LM)

**Completion of Checklist**

1. Red Light - **"ON"** (P/CP)
2. Go Around Mode – **"SET"** (P/CP)
3. Flaps – **"50 PERCENT"** (P/CP)
4. Ramp And Door - **"CLOSED AND LOCKED"** (LM)
5. Flaps – **"UP"** (P/CP)
6. Aux Pump - **"OFF"** (CP)
7. Pressurization - **"SET"** (E)
8. Red Light - **"OFF"** (P/CP)
9. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"** (P) (CP)
10. Gross Weight – **"CHECKED"** (N)
11. Drop Checklist - **"COMPLETE"** (LM) (E)

**CONTAINER RELEASE SYSTEM EMERGENCY  
PROCEDURES**

**Release Assembly Fails to Release, or Load Fails to Exit**

1. Pilot Notified - **"MALFUNCTION"** (LM)
2. Flaps - Set (P/CP/E)
3. Ramp and Door - **"CLEARED TO CLOSE"** (LM)
4. Ramp and Door - Closed and Locked (E)
5. **"MALFUNCTION CHECKLIST COMPLETE."** (LM)

**Twenty-Minute Checklist**

1. **"TWENTY-MINUTE WARNING ACKNOWLEDGED LM"**  
(LM)
2. **"LEAFLET CHECKLIST"** (P)
3. Helmets and Oxygen Mask - **"ON"** (P) (CP) (E) (N) (EWO) (LM)
4. Slowdown, Drop Zone, And Escape - **"REVIEWED"** (P) (CP) (N)  
(EWO)
5. Terminal Data – **"CHECKED"** (N)
6. Pressurization- **"DEPRESSURIZING"** (E)
7. Twenty-Minute Checklist - **"COMPLETE"** (LM) (E)

**Ten-Minute Checklist**

1. **"TEN-MINUTE WARNING ACKNOWLEDGED"** (LM)
2. Airdrop Override Switches -
  - a. **"OVERRIDE"** (N)
  - b. **"NORMAL/OVERRIDE"** (P/CP)
3. Red Light - **"ON"** (P/CP)
4. High Altitude Checks - **"COMPLETE"** (If Required) (P) (CP) (E) (N) (EWO) (LM)
5. Aux Pump – **"ON"** (CP)
6. Pressurization - **"NO PRESSURE"** (E)
7. Ten-Minute Checklist - **"COMPLETE"** (LM) (E)

**Slowdown/Three Minute Checklist**

1. Flaps - **"AS REQUIRED"** (P/CP)
2. Ramp -
  - a. **"CLEAR TO OPEN"** (P)
  - b. **"OPEN"** (LM)
3. Clearance Altitude/Radar Altimeters - **"SET, STATE SETTINGS"** (P) (CP) (Low altitude drops only)
4. Terminal Consent - **"AS REQUIRED"** (P/CP)
5. Slowdown/Three Minute Checklist - **"COMPLETE"** (LM) (E)

**One-Minute Checklist**

1. **"ONE-MINUTE WARNING ACKNOWLEDGED  
LOADMASTER"** (LM)
2. **"ONE-MINUTE CHECKLIST COMPLETE  
LOADMASTER"** (LM)

**Release Point Checklist**

1. Green Light - **"ON"** (P/CP)
2. **"THIRTY SECOND ADVISORY"** (N)
3. **"LOAD CLEAR"** (or condition) (LM)

**Completion of Drop Checklist**

1. Red Light - **"ON"** (P/CP)
2. Go-around mode – **"SET"** (P/CP)
3. Ramp – **"CLOSED AND LOCKED"** (LM)
4. Flaps - **"UP"** (P/CP)
5. Aux Pump - **"OFF"** (CP)
6. Pressurization - **"SET"** (E)
7. Red Light - **"OFF"** (P/CP)
8. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"** (P) (CP)
9. Gross Weight – **"CHECKED"** (N)
10. Drop Checklist - **"COMPLETE"** (LM) (E)

**Pre-Hot Refueling Checklist**

1. **"HOT REFUELING (TANKER) CHECKLIST"** (P)
2. Hot Refueling (Tanker) Checklist - **"ACKNOWLEDGED"** (LM)
3. Crew Briefing - **"COMPLETE"** (P)
4. Radios and navigational equipment - **"SET"** (P) (CP) (E) (N) (EWO) (LM)
5. ECM equipment - **"SET"** (Off/Safe/Standby, as required) (EWO) (LM)
6. Oil cooler augmentation switches - On (E)
7. Exits - **"CLEARED TO OPEN"** (P)
8. Clearance to Offload - **"CLEARED TO OFFLOAD"** (P)
9. Hot Brake Check - **"COMPLETE"** (HRS)
10. Dump pump switches - ON (E)
11. Pre Hot Refueling (Tanker) Checklist - **"COMPLETE"** (PO) (HRS) (E)

**Hot Refueling Checklist**

1. Fuel offload – “**COMPLETE**” (HRS)
2. Hot Refueling (Tanker) Checklist – “**COMPLETE**” (PO) (HRS) (E)

**Post Hot Refueling Checklist**

1. Dump pumps - Off (E)
2. UARRSI panel - Set (E)
3. Radios and navigational equipment - "**SET**" (P) (CP) (E) (N) (EWO) (LM)
4. ECM equipment - "**SET**" (ON/Safe/Standby as required) (EWO) (LM)
5. Oil cooler augmentation switches – Off (E)
6. Post Hot Refueling (Tanker) Checklist - "**COMPLETE**" (PO) (HRS) (E)

**Pre-Hot Refueling Checklist**

1. **"HOT REFUELING (RECEIVER) CHECKLIST"** (P)
2. Hot Refueling (Receiver) Checklist - **"ACKNOWLEDGED"** (LM)
3. Crew Briefing - **"COMPLETE"** (P)
4. Radios and navigational equipment - **"SET"** (P) (CP) (E) (N) (EWO) (LM)
5. ECM equipment - **"SET"** (Off/Safe/Standby, as required) (EWO) (LM)
6. Oil cooler augmentation switches - On (E)
7. Exits - **"CLEARED TO OPEN"** (P)
8. Clearance to offload - **"CLEARED TO OFFLOAD"** (P)
9. Hot Brake Check - **"COMPLETE"** (PO)
10. UARRSI panel - Set (E)
11. Pre Hot Refueling (Receiver) Checklist - **"COMPLETE"** (PO) (E)

**Hot Refueling Checklist**

1. Fuel onload - "**COMPLETE**" (PO)
2. Hot Refueling (Receiver) Checklist - "**COMPLETE**" (PO) (E)

**Post-Hot Refueling Checklist**

1. UARRSI panel (some aircraft) - "**SET**" (E)
2. Radios and navigational equipment - "**SET**" (P) (CP) (E) (N) (EWO) (LM)
3. ECM equipment - "**SET**" (ON/Safe/Standby as required) (EWO) (LM)
4. Oil cooler augmentation switches - Off (E)
5. Post Hot Refueling (Receiver) Checklist - "**COMPLETE**" (PO) (E)

**HOT REFUELING EMERGENCY PROCEDURES****Fuel Leak/Spill**

1. Controlling Agency/Fire Department - Notified (CP)

**Aircraft Egress**

1. Crew Notified - "**EGRESS, EGRESS, EGRESS**" (PO/HRS/LM)

**Aircraft Fire/Sparks/Aircraft Taxi**

1. Notify Pilot - "**TAXI, TAXI, TAXI**" (HRS/PO)
2. Aircraft – Taxied (P)
3. Controlling Agency/Fire Department - Notified (CP)

**Fuel Spill on Personnel**

1. Controlling Agency/Fire Department - Notified (CP)

**FAM Cart Emergency**

1. Fire Department - Notified (If Available) (CP)

**Preparation for Combat Offload Checklist**

1. **“COMBAT OFFLOAD PREPARATION CHECKLIST”** (P)
2. Combat Offload Preparation Checklist - **“ACKNOWLEDGED”** (LM)
3. Crew briefing - **“COMPLETE”** (P)
4. Interphone/PA system - **“ON/CHECKED”** (P) (CP) (E) (N) (LM)
5. Ramp and Door - **“CLEAR TO OPEN.”** (P)  
**“OPEN AND LOCKED.”** (LM)
6. Preparation for Offload Checklist - **“COMPLETE”** (LM) (E)

**Combat Offload Method A Checklist**

1. **“METHOD "A" OFFLOAD CHECKLIST”** (P)
2. Method "A" Offload Checklist - **"ACKNOWLEDGED"** (LM)
3. Aircraft – Positioned and stopped (P)
4. Brakes - **“SET”** (P)
5. **“CLEAR TO TAXI LOADMASTER.”** (LM)
6. Aircraft – Taxied (P)
7. **“LOAD CLEAR”** (LM)
8. Aircraft - Stopped (P)
9. Brakes - **“SET”** (P)
10. **"CLEAR TO TAXI LOADMASTER."** (LM)
11. Aircraft – Taxied (P)
12. **"LOAD CLEAR"** (or condition)" (LM)
13. Aircraft – Stopped (P)
14. Interphone/PA switch - **“INTERPHONE”** (P)
15. Offload Checklist - **“COMPLETE”** (LM) (E)

**Combat Offload Method B Checklist**

1. **"METHOD "B" OFFLOAD CHECKLIST"** (P)
2. Method "B" Offload Checklist - **"ACKNOWLEDGED"** (LM)
3. Aircraft – Positioned and stopped (P)
4. Brakes - **"SET"** (P)
5. **"CLEAR TO TAXI LOADMASTER"** (LM)
6. Aircraft – Taxied (P)
7. **"STOP TAXI"** (LM)
8. Brakes - **"SET"** (P)
9. **"CLEAR TO TAXI LOADMASTER"** (LM)
10. **"LOAD CLEAR"** (LM)
11. Interphone/PA switch - **"INTERPHONE"** (P)
12. Offload Checklist - **"COMPLETE"** (LM) (E)

**Pre-Search Checklist**

1. **"PRE SEARCH CHECKLIST"** (P)  
**"ACKNOWLEDGED, LOADMASTER"** (LM)
2. Crew Briefing - **"COMPLETE"** (P)
3. Stall Speeds - **"COMPUTED"** (E)
4. Helmets and Oxygen Mask - **"ON"** (If Required) (P) (CP) (E) (N)  
(EWO) (LM)
5. Pressurization - Set (E)
6. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"**  
(P) (CP) (N)
7. Altimeters - **"SET, STATE SETTING"** (P) (CP) (N)
8. High Altitude Checks - **"COMPLETE"** (if required) (P) (CP) (E)  
(N) (EWO) (LM)
9. Flaps - **"SET, STATE SETTING"** (P/CP)
10. Airspeed - Checked (P) (CP) (E)
11. Air Deflector Doors - **"OPEN"** (if required) (P/CP)
12. Auxiliary Hydraulic Pump - **"ON"** (CP)  
(If ramp is to be opened)
13. Paratroop Door/Ramp and Door - **"CLEAR TO OPEN"** (As  
Required) (LM) (P)

14. Ramp and Door - **"INDICATES OPEN"** (E)

15. Pre Search Checklist - **"COMPLETE"** (LM) (E)

**Post-Search Checklist**

1. **"POST SEARCH CHECKLIST"** (P)

**"ACKNOWLEDGED, LOADMASTER"** (LM)

2. Air Deflector Doors – **"OPEN"** (if required) (P/CP)

3. Ramp and Door/Paratroop Doors - **"CLOSED AND LOCKED LOADMASTER"** (LM)

4. Air Deflector Doors – **"CLOSED"** (P/CP)

5. Auxiliary Hydraulic Pump - **"OFF"** (CP) (If Required)

6. Flaps - **"SET, STATE SETTING"** (P/CP)

7. Pressurization - Set (E)

8. Clearance Altitude/Radar Altimeters – **"SET, STATE SETTING"** (P) (CP)

9. Altimeters - **"SET, STATE SETTING"** (P) (CP) (N)

10. Post Search Checklist - **"COMPLETE"** (LM) (E)